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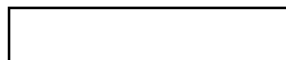
**BASIC IMAGERY
INTERPRETATION
REPORT**

PEKING GUIDED MISSILE PLANT NANYUAN



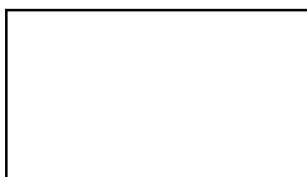
STRATEGIC WEAPONS INDUSTRIAL FACILITIES

CHINA



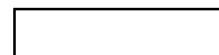
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INSTALLATION OR ACTIVITY NAME		COUNTRY
Pei-ching Guided Missile Plant Nan-yuan		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
NA	39-47-52N 116-24-15E	
MAP REFERENCE		
AMS. China, Series L500, Sheet NJ50-2, 1st ed, Apr 62, scale 1:250,000 (UNCLASSIFIED)		
LATEST IMAGERY USED		NEGATION DATE (if required)
[REDACTED]		NA

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ABSTRACT

This report updates the basic report listed below which substantially satisfies existing reporting requirements for this target.

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NPIC. [REDACTED] Peking Guided Missile Plant Nanyuan, Sep 68
(TOP SECRET [REDACTED]
Channels).

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Significant developments and changes since [REDACTED] include the expansion of the test tower and some minor construction. A new type of probable missile rail car was observed in [REDACTED]

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This report describes the new construction and includes a tabulation of observed railroad rolling stock, photographs, and a dimensional drawing of the test tower.

BASIC DESCRIPTION

Peking Guided Missile Plant Nanyuan is located 7.5 nautical miles south of Peking, China (Figure 1). Only minor changes in the overall appearance of the guided missile plant were observed between [REDACTED]. Although some new construction has taken place, no major new facilities have been added. However, the test tower was significantly enlarged. In addition to the new construction, some of the nonpermanent structures previously reported have been torn down. These structures had been included in both roof cover and floorspace totals of the basic report and because of this, the new construction has not increased these totals for this report.

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PHYSICAL FEATURES

A warehouse has been added on the south side of the plant, and a new small probable shop building is under construction on the north side. A network of aboveground steamlines serving facilities on the east side of the plant has been added since [REDACTED]. The engine test building located in the extreme southeast corner of the plant was nearing completion in [REDACTED]. [REDACTED] it was completed and fully operational.

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TEST TOWER

The most significant new development at the guided missile plant is the extensive enlargement of the test tower (Figure 2). It has been raised from its original height of approximately 33 meters (110 feet) to approximately 52 meters (170 feet). Expansion of the test tower began some time just prior to [REDACTED] photography of [REDACTED] construction had reached the half-way point. Photography of [REDACTED] indicated that the tower had been completed except for removing part of the scaffolding and dismantling two large construction cranes. The old and the new vertical dimensions are shown on Figure 2. There does not appear to be any significant difference between the old and new horizontal measurements, although this cannot be confirmed until the tower with scaffolding removed is covered by photography of good interpretability.

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A comparison of the new dimensions for the test tower with the dimensions of the large gantry at Launch Complex B in Shuangchengtzu Missile Test Center, presented in a recent report,¹ reveals that the test tower and gantry are capable of handling the same size missile. The overall height of the gantry is approximately [REDACTED] as compared to approximately 52 meters (170 feet) for the test tower; the height of the crane/hoist above ground level for both the test tower and gantry is approximately [REDACTED]. The gantry has an unobstructed height of approximately [REDACTED] and the unobstructed height within the test tower is probably the same, since the height of the door above ground level is approximately [REDACTED].

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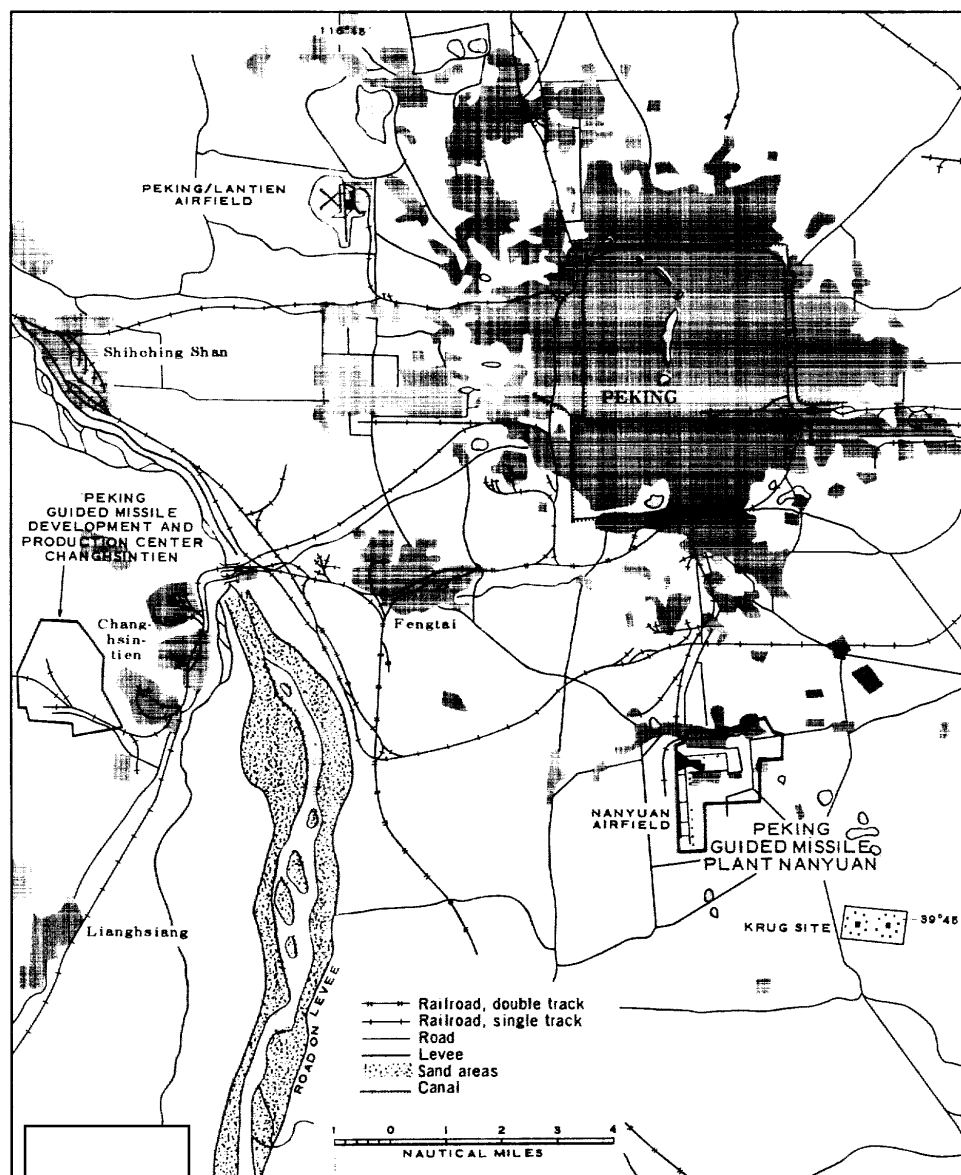
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PRODUCTION ACTIVITY

The overall activity at the guided missile plant increased sharply during the last half of 1968, and it remained at a very high level throughout the calendar year of 1969. Production of a strategic missile system is still indicated on [REDACTED] photography of the plant; however, the present status of such a production program cannot be determined.

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FIGURE 1. LOCATION MAP

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Missiles are stored in the plant as transporters, dollies, and rail cars are continually seen at various locations within the plant. Ten small new transporters measuring approximately 9 by 3 meters (30 by 10 feet) were first identified on photography of [redacted]

A new, specially constructed probable missile rail car (Figure 3) was identified at the plant for the first time on [redacted] photography of [redacted]. This rail car measures approximately [redacted] and has a slightly rounded or arched roof. The probable missile rail car has been seen only once since its initial identification in [redacted]

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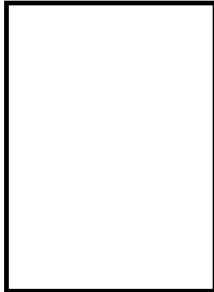
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The tabulation below shows the numbers and types of railroad rolling stock observed in all areas of the plant since [redacted]

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Date

Numbers and Types of Rolling Stock



5 long rail cars
3 long rail cars; 3 boxcars
8 long rail cars; 5 boxcars; 1 long flatcar
8 long rail cars; * 7 boxcars; 2 long flatcars
4 long rail cars; 4 boxcars
7 long rail cars; 6 boxcars; 2 long flatcars; 16 standard-length flatcars; ** 1 engine
7 long rail cars; 4 boxcars; 3 long flatcars
6 long rail cars; * 7 boxcars; 1 long flatcar; 13 standard-length flatcars
Rolling stock not discernible because of limited interpretability

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*Includes the arch-roofed probable missile rail car.

**Fifteen of these cars were loaded with a combined total of 10 vans, three van trailers, and two pieces of unidentified equipment.

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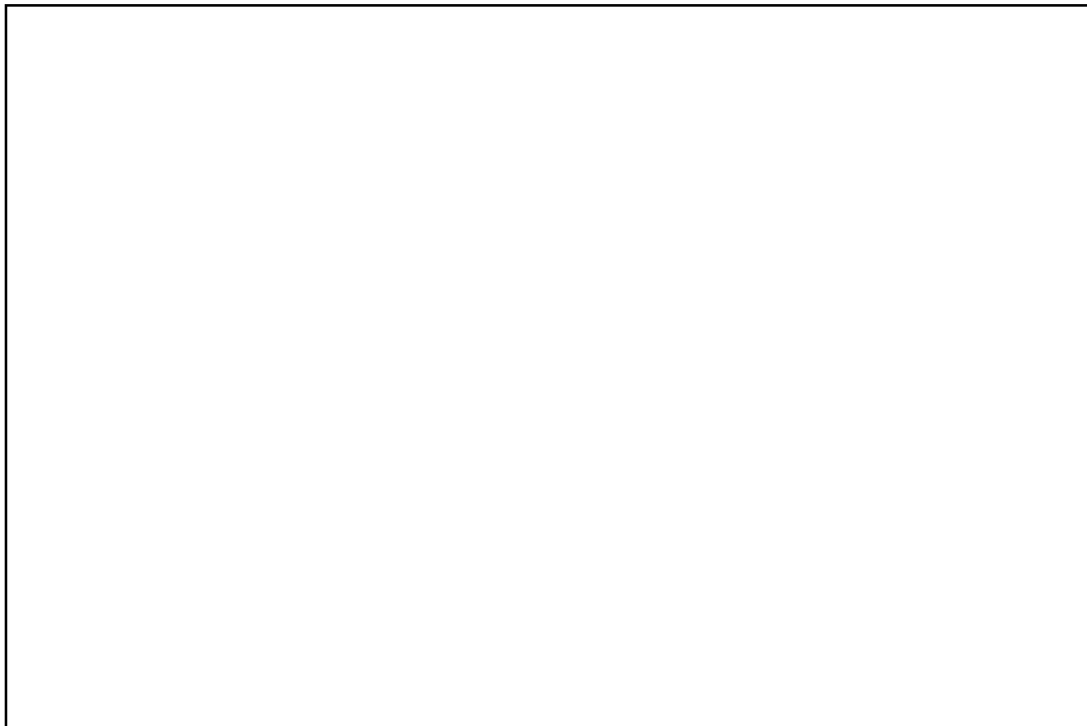
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A new radar was identified in the military area located within the southern boundary of the missile plant on photography of [REDACTED]. The new radar has a [REDACTED] cut parabolic reflector mounted near the end of a [REDACTED] van, very similar in appearance to the Soviet SHEET BEND acquisition radar.²

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REFERENCES



MAPS OR CHARTS

AMS. China, Series L500, Sheet NJ50-2, 1st ed, Apr 62, scale 1:250,000 (UNCLASSIFIED)

DOCUMENTS

1. Dept of the USAF, FTD. [REDACTED] Aerospace Weapons and Weapons Systems, China, Gantry, Shuang Cheng Tzu MTC, China, Jun 69 (TOP SECRET [REDACTED])
2. NPIC. [REDACTED] Accelerated Chinese Communist Radar Development and Production, China, Jun 69 (TOP SECRET [REDACTED])

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REQUIREMENT

COMIREX J02
NPIC Project 220315

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[REDACTED] provides the most recent photography of this plant.

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